



Colour Television

34PT4822

Instructions for use



Let's make things better.



PHILIPS



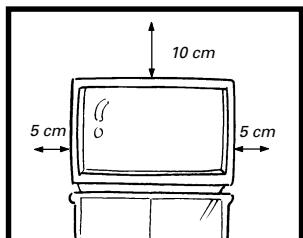
L9 2000

3139 125 28241



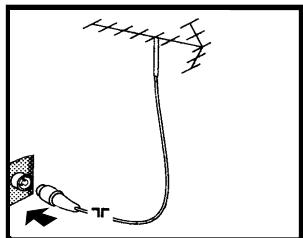
2

Preparation



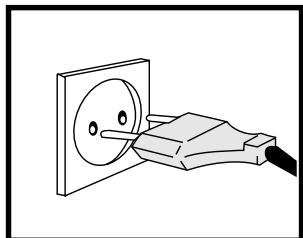
Installing the TV

- Place your TV set on a stable and strong base.
- Leave at least a free space of 5 cm on both sides and 10 cm from the top for good ventilation of the TV set.
- Do not place anything on the TV set which might damage it e.g. plants or heat sources.



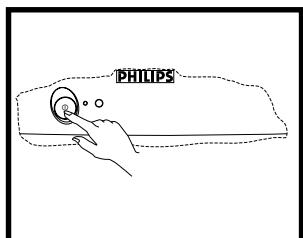
Connecting the aerial

- Insert the aerial plug into the socket **TV** at the back of the TV.



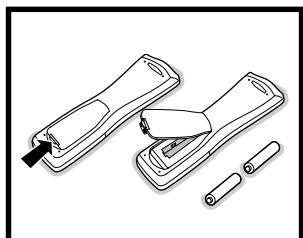
Connecting the mains

- Insert the mains plug into the wall socket and switch on.
Refer to the specification at the back of the TV for the correct operating voltage.
(Picture is only a representation of the actual plug and socket)



Switching on

- Press the on/off button at the front of the TV to switch it on.
*If the indicator is red, press either the digit, channel, A/CH, AV or **Ø** key.*

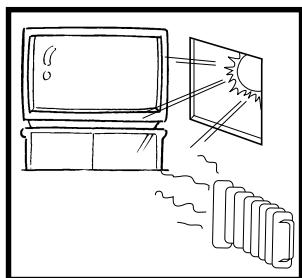


Installing the remote control

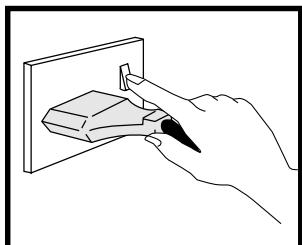
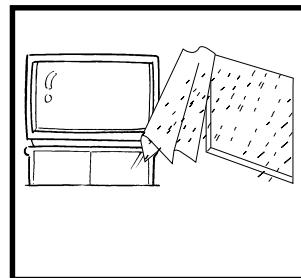
- Remove the cover at the back of the remote control.
- Insert the correct type and size batteries into the compartment, making sure that they are the right way around.



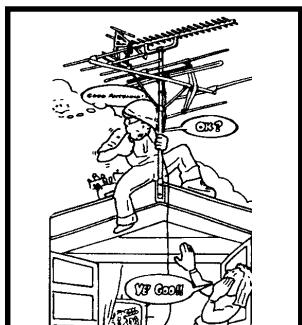
3 Useful Tips



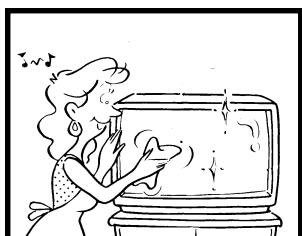
- Avoid heat and direct sunlight.
- Avoid direct exposure to rain or water.



- DO NOT leave your TV on standby for a prolonged period.
- Switch off your TV if not in use.
- This will allow the TV to be demagnetised, giving good picture.



- Never repair the TV yourself – get a skilled personnel!



- Clean the TV's screen with a slightly damp soft cloth ONLY WHEN NECESSARY.

Note : Do not use abrasive solvent as it can damage the screen's coating.

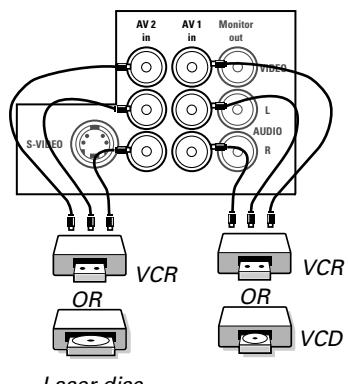


4

Connecting peripheral equipment

Equipment such as VCR, Laser disc player, VCD etc. could be connected to the video and audio (AV) sockets at the back of the TV. Switch off the TV and equipment before making any connection.

Connection for playback

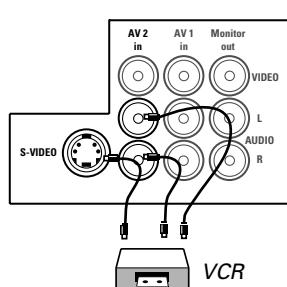


1. Connect to AV sockets

You may choose to connect up AV1 in or AV2 in or both.

- connect the corresponding sockets of the equipment to that of the TV.
- ▷ to view the playback, select the first AV channel (if connection is made to sockets at AV1 in) or the second AV channel (if connection is made to sockets at AV2 in).

Note: For mono equipment, connect to the VIDEO and L sockets only.

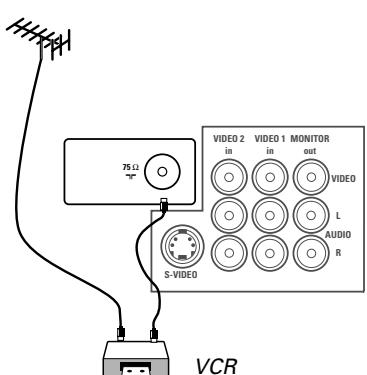


2. Connect to S-Video sockets

If you have a S-Video equipment, connect to the S-Video socket for better picture quality.

- connect the corresponding socket of the equipment to that of the TV.
- ▷ to view the playback, select the Y/C channel.

Note: If both the S-Video socket and the Video socket of AV2 are connected, S-Video input precedes the Video input



3. Connect to aerial socket (only for VCR)

The playback on your VCR is considered a TV channel by your TV if you connect via the aerial socket. You must tune in to your VCR's test signal and assign a channel number to it. Refer to your VCR's instruction manual for more details.

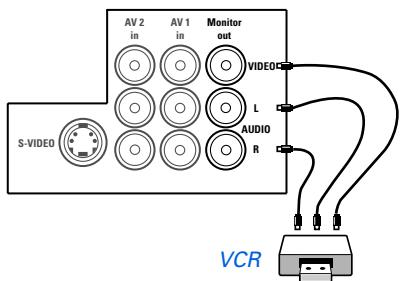
- connect the RF cable to the VCR's "RF in" and connect the "RF out" of the VCR to the aerial socket of the TV.
- select the channel and tune in to your VCR's signal.
- ▷ to view the playback, select the channel.



5

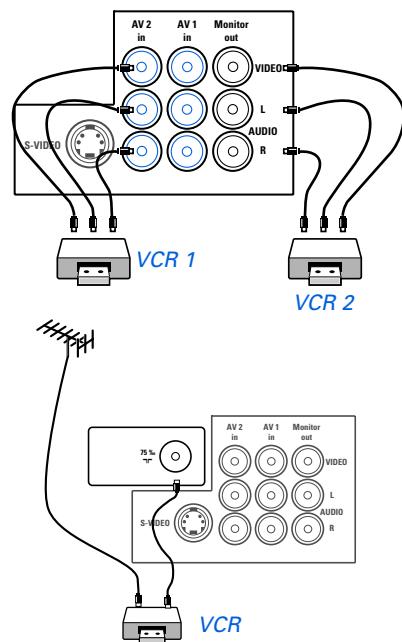
...connecting peripheral equipment

Connection for recording



1. From the TV channel you are watching

- connect the corresponding sockets of the VCR to the sockets at MONITOR out.
Note: For mono equipment, connect to the VIDEO and L sockets only.



2. From one VCR to another VCR

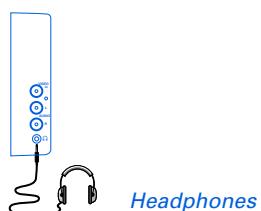
- connect the sockets of the VCR which you wish to record from to the corresponding sockets at either AV1 in or AV2 in.
- connect the sockets of the receiving VCR to the corresponding sockets at MONITOR out.

Note: For mono equipment, connect to the VIDEO and L sockets only.

3. From the TV antenna

- connect the RF cable to the VCR's "RF in" and the "RF out" of the VCR to the aerial socket of the TV.

Connection for headphones



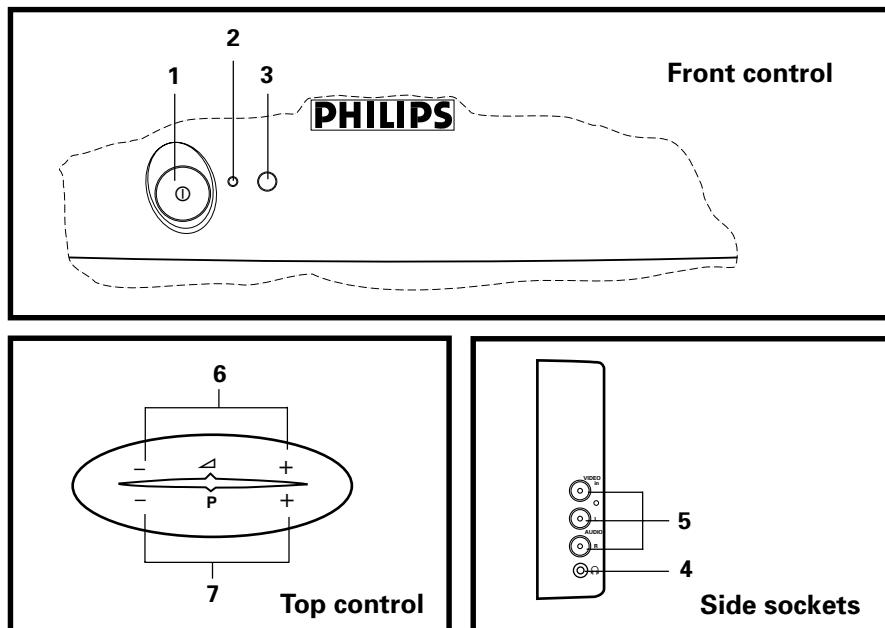
- connect the headphones to the socket at the side of the TV.

The headphones impedance must be between 8 and 4000 ohms.



6

The TV's controls



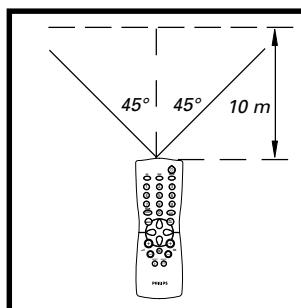
1. Mains power	Switch on or off the TV.
2. Red light indicator	When light is on, it indicates that the TV is on standby. Note :If no signal is detected by the TV after 10 minutes, it will switch to standby automatically.
3. Remote control sensor	For the remote control to work, it must be activated within the operating range of this sensor.
4. Headphone socket	For connection of headphones.
5. AV "in" sockets	Connect to Video "out" and Audio "out" sockets of VCR, laser disc player etc.
6. Volume adjustment	To adjust volume level. Press these 2 keys simultaneously will call up the 1st level menu. Press these 2 keys again will exit menu. Works as cursor left ($\triangleleft -$) or right ($\triangleleft +$) in a menu.
7. Channel selection	To select a lower or higher channel number. Works as cursor up ($\mathbf{P} +$) or down ($\mathbf{P} -$) in a menu.



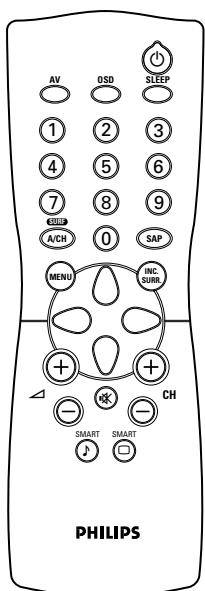
7

Using the remote control

For the remote control to work effectively, it has to be operated within the recommended operating range to the remote control sensor on the TV.



Press :



Result :



Standby

Switch off TV and a red indicator lights up. To switch on TV again, press either the **0** to **9**, **+**, **CH**, **AV** or **POWER** key.



AV channel selection

Select the AV channels .



Screen information

In TV mode : Display channel number and sound mode
In a menu : Exit menu.



Sleeptimer

Sets timer (from 15 to 240 minutes) to switch TV to standby. To disable timer, set to "OFF".



Digit

Key in numerals e.g. confidential code in child lock and in channel selection. For a 2-digit channel, the second numeral must be entered before the dash disappears.



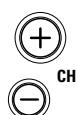
Surf or alternate channel

Surf mode : Add or delete channel from the surf list. View channel in the surf list.
A/CH mode : Return to the previous channel.



...using the remote control

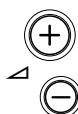
Press :



Channel selection

Result :

Select a higher or lower channel number.



Volume adjustment

Adjust the volume of the TV set.



Menu

Call up the main menu. If there is an existing menu, pressing this key will bring you back to the previous level menu. If you are in the 1st level menu, pressing this will exit the menu.



Incredible Surround

Switch on to enhance stereo sound from your TV.



Mute

Switch off the sound of the TV. Press again to switch on the sound.



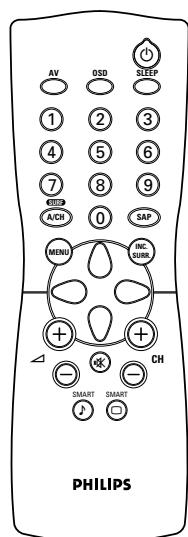
**Smart Picture/
Smart Sound**

Select the presets for sound and picture.



Sound mode

Switch to stereo, SAP (second audio programme) or mono sound.





9

Menus

1st level

BRIGHTNESS
COLOUR
CONTRAST
SHARPNESS
HUE
COL TEMP
CONTRAST PLUS
NOISE REDUCE
4:3 EXPAND
16:9 COMPRESS
VOLUME
BALANCE*
TREBLE*
BASS*
INCR SURROUND*
ULTRA BASS*
AVL
SLEEPSIMER
CHILD LOCK ←
CLOCK ←
CC
SURF
BLUE MUTE
INSTALLATION ←

2nd level

CHANGE CODE
CHANNEL
LOCK
CLEAR ALL

TIME
TIMER ACTIVE
CHANNEL
AT

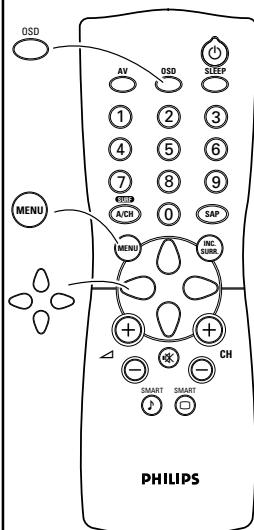
LANGUAGE
TUNER
AUTO INSTALL
SKIP ←
MANUAL ←
EXTERNAL

3rd level

CHANNEL
SKIP

FINE TUNE
STORE

Note : You may not see these items on your menu because it is applicable to certain models only.*



To call up the 1st level menu :

- Press **MENU** key.

To use the menus:

- Press the cursor keys.



To exit from a menu:

- Press **MENU** key to go back to the previous level.
OR
- Press **OSD** key to exit.

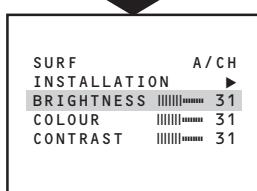


1 0 Installing the TV

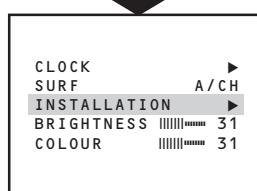
In order to view the programmes broadcasted, you have to do some simple installation on the TV. Go into the INSTALLATION menu by using the keys on your remote control.

Follow the steps below to enter INSTALLATION menu:

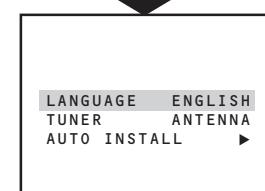
1 Call up 1st level menu with the key.



2 Press the key to highlight INSTALLATION.



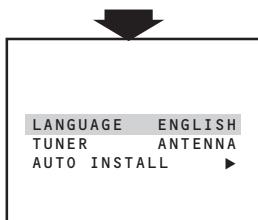
3 Select INSTALLATION with the or key.



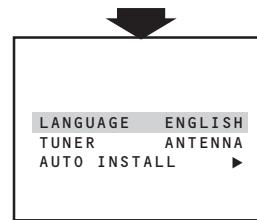
Selecting the menu language

The TV is pre-set to a language for display of menus and screen information. You may change it to another available language.

1 Go into INSTALLATION menu. LANGUAGE is highlighted.

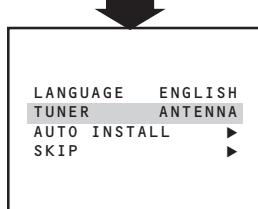


2 Select a language with the or key.

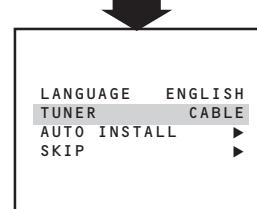


Selecting the tuner type

1 Press the key to highlight TUNER.



2 Select CABLE or ANTENNA with the or key.





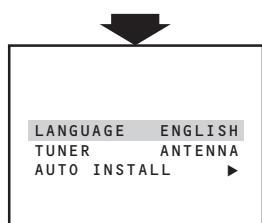
1 1

... installing the tv - auto install

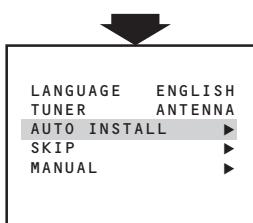
Auto install

Tune in channels automatically. Channels 1 to 125 are for cable transmission and channels 2 to 99 are for antenna transmission.

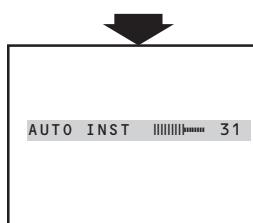
1 Enter INSTALLATION menu.



2 Press the key to highlight AUTO INSTALL.

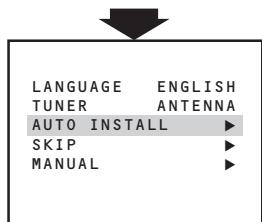


3 Select AUTO INSTALL with the or key.



The TV will automatically search and store all available channels starting from channel number 1 (for cable transmission) or 2 (for antenna transmission).

4 Press key once will bring you back to the previous level menu. You can continue with other installation.

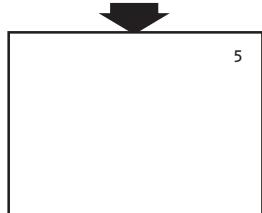




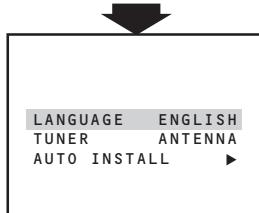
1 2 Fine tuning

To fine tune the frequency of a channel.

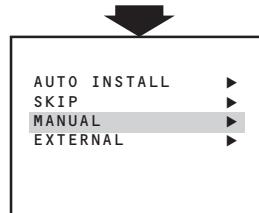
1 Select a channel which you wish to fine tune.



2 Enter INSTALLATION menu.



3 Press the key to highlight MANUAL.



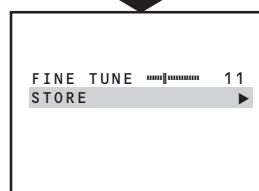
4 Select MANUAL with the or key. FINE TUNE is highlighted.



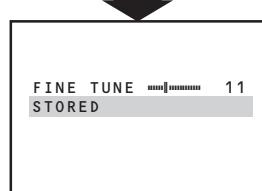
5 Press the or key to start fine tuning until you get the best picture and sound.



6 Press the key to highlight STORE.



7 Press the or key to store the changes.



8 Exit with the key.

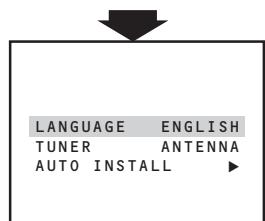




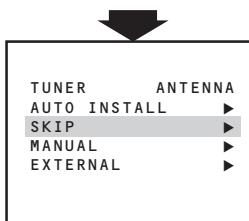
1 3 Skip channels

This menu enables you to skip channels which have bad reception or channels which you do not watch often. Once a channel is skipped, you can only call it up via the digit keys on the remote control.

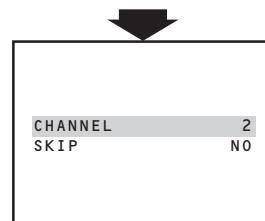
1 Go into INSTALLATION menu



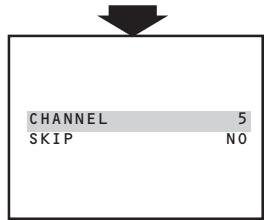
2 Press the key to highlight SKIP.



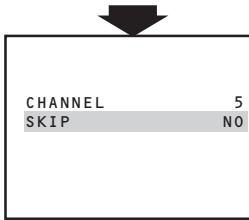
3 Select SKIP with the or key. CHANNEL is highlighted.



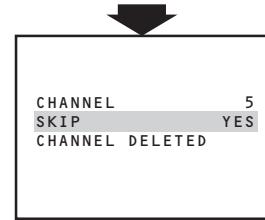
4 Enter a channel number which you wish to skip.



5 Press the key to highlight SKIP.

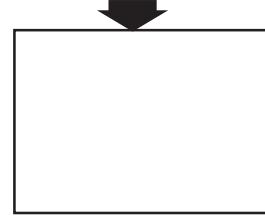


6 Select YES with the or key. CHANNEL DELETED appears to confirm that the channel is skipped.



To unskip channels, repeat step 4 to 6 but select NO instead of YES.

7 Exit with the key.





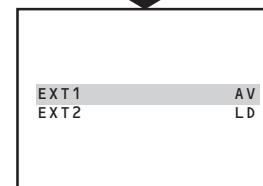
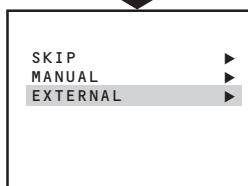
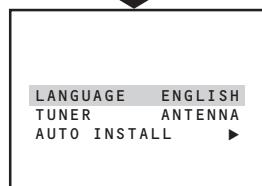
1 4 Naming of AV channels

To name the AV channels according to a pre-set name list: AV, EXT, GAM, DVD, VCD, VCR or LD.

① Go into INSTALLATION menu

② Press the key to highlight EXTERNAL.

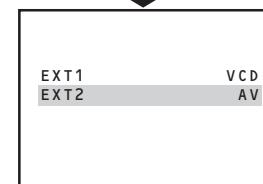
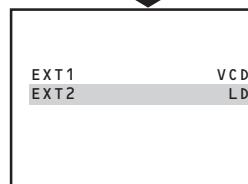
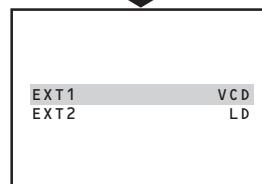
③ Select EXTERNAL with the or key.
EXT1 (the first AV channel) is highlighted.



④ Select a name in the pre-set list for EXT1.

⑤ Press the key to highlight EXT2 (the second AV channel).

⑥ Select a name in the pre-set list for EXT2.



⑦ Exit with the key.

Remark:

1. From now on, whenever you call up an AV channel which was named, the name will appear in place of the channel number
2. To rename the AV channels, repeat steps ① to ⑥.



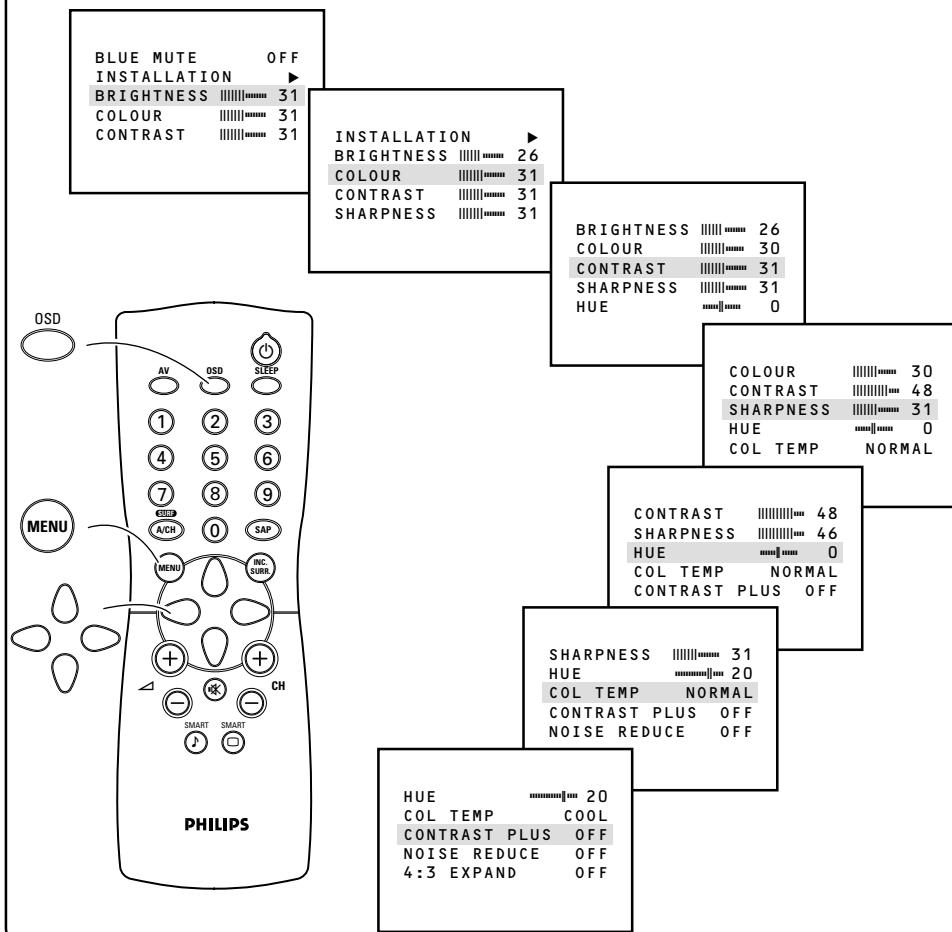
15 Picture settings

Personal settings

You can do adjustment on BRIGHTNESS, COLOUR, CONTRAST, SHARPNESS, HUE, COLOUR TEMP and CONTRAST PLUS of a picture via the 1st level menu. This adjustment will automatically be stored in the PERSONAL mode of the SMART PICTURE feature and is applicable to all channels.

How to do adjustment

- 1 Call up 1st level menu with the key.
- 2 Press the or key to highlight the item that you wish to adjust.
- 3 Select or adjust with the or key.
- 4 Exit with the key.





1 6

...picture settings – smart picture

Other picture settings

Noise reduction

Switch this to ON to reduce the pixel size of your picture.

COL TEMP	NORMAL
CONTRAST PLUS	OFF
NOISE REDUCE	ON
4:3 EXPAND	OFF
16:9 COMPRESS	OFF

4:3 expand

In instances when you are watching movies which has a black bar at the top and bottom, you can expand the picture vertically, by selecting ON.

Note: You have to switch OFF this option before activating "16:9 compress".

CONTRAST PLUS	OFF
NOISE REDUCE	ON
4:3 EXPAND	ON
16:9 COMPRESS	OFF
VOLUME	30

16:9 compress

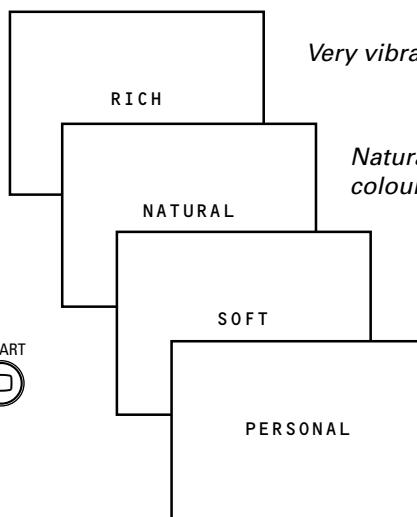
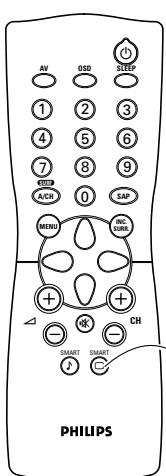
Select ON to view details hidden at the top and bottom of the screen.

Note: You have to switch OFF "4:3 expand" before activating this option.

NOISE REDUCE	ON
4:3 EXPAND	OFF
16:9 COMPRESS	ON
VOLUME	30
BALANCE	--- 0

Smart Picture

These are some picture presets on the TV for your viewing pleasure. Press the  key repeatedly to select RICH, NATURAL, SOFT or PERSONAL.



Very vibrant colours.

Natural and original colours.

Warm colours and gives a cinema like effect when light is switched off.

Your personal picture settings.



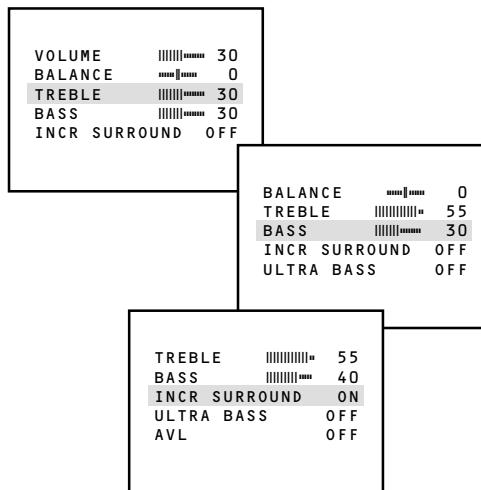
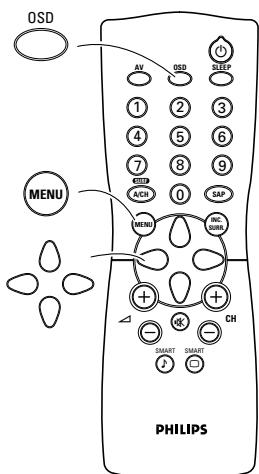
1 7 Sound settings

Personal settings

You can do adjustment on TREBLE, BASS and INCREDIBLE SURROUND of a picture via the 1st level menu. These adjustment will automatically be stored in the PERSONAL mode of the SMART SOUND feature and is applicable to all channels.

How to do adjustment

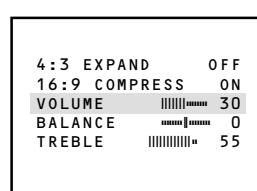
- 1 Call up 1st level menu with the key.
- 2 Press the or key to highlight the item that you wish to adjust.
- 3 Select or adjust with the or key.
- 4 Exit with the key.



Other sound settings

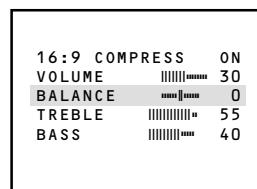
Volume

Adjusts the volume level of the TV. You can also do adjustment via the buttons on the front of the TV or remote control.



Balance

Balances the stereo sound output of speakers in the TV.





18

...sound settings – smart sound

Ultra Bass

Switch this feature to ON to further enhance the bass level of the sound output.

BASS		40
INCR SURROUND	ON	
ULTRA BASS	ON	
AVL	OFF	
SLEEPSM	OFF	

AVL-Auto Volume Leveller

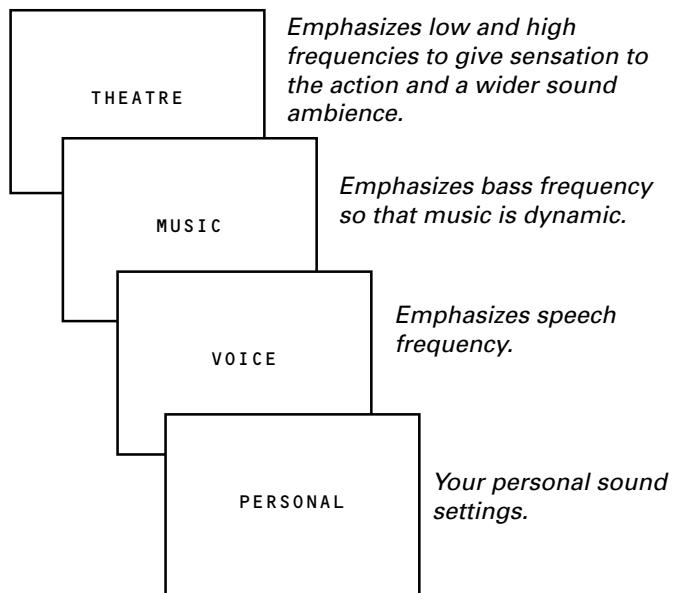
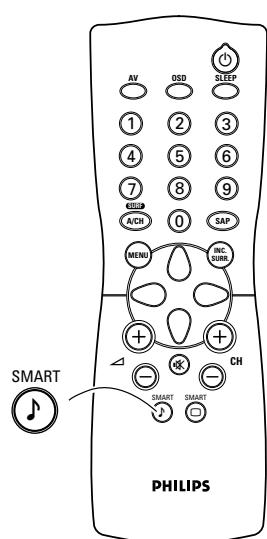
This feature if switched on will automatically adjust any sudden changes in the TV's volume to a preset level.

INCR SURROUND	ON
ULTRA BASS	ON
AVL	ON
SLEEPSM	OFF
CHILD LOCK	►

Smart Sound

These are some sound presets on the TV for your viewing pleasure. Press the **SMART** key repeatedly to select THEATRE, MUSIC, VOICE or PERSONAL*.

(Note *: "NORMAL" for certain model)





19 BTSC stereo/Stereo

BTSC Stereo (applicable to certain models only)

If a TV programme is transmitted in BTSC stereo, you can switch to STEREO, MONO or SAP (second audio programme).

Switch to mono

Press the **SAP** key to select either STEREO, SAP or MONO.



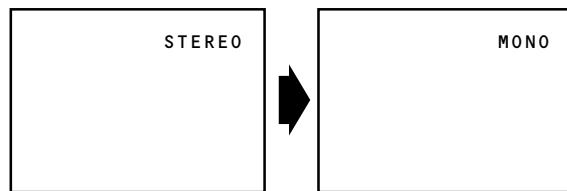
Stereo (applicable to certain models only)

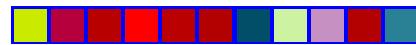
If a TV programme is transmitted in Stereo, you can switch to STEREO OR MONO.



Switch to mono

Press the **SAP** key to select either STEREO or MONO.



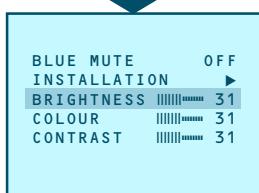


20 Sleeptimer

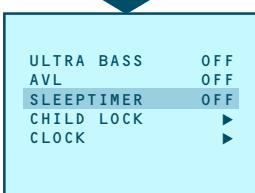
Sets timer (from 15 to 240 minutes) to switch TV to standby. To disable timer, set to "OFF".

To set timer

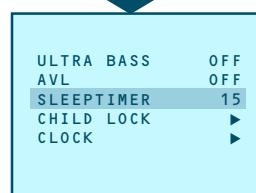
1 Call up 1st level menu with the key.



2 Press the key to highlight SLEEPSLEEPER.



3 Select time period with the or key.



4 Exit with the key.



Child Lock

This feature enables you to lock channels which you do not wish others e.g. children to watch. You have a choice to lock all channels (inclusive of the two AV channels) or individual channel (up to a maximum of 5 channels). If one tries to lock the 6th channel, a message "FULL" appears. Once a channel is locked:

- if you call channels up with the CHANNEL or keys on the TV, there will be no picture and sound.
- access to the INSTALLATION sub-menu is disabled, unless you key in the access code (key in TWICE if you use the universal access code).

You can only call up channels with your remote control. A message "ACCESS CODE ----" appears on the screen each time you try to call up a channel with the controls on the TV. To bypass the lock mode, you will need to use your remote control to key in the 4-digit confidential code that you have entered when you locked it.

Tips: If you have forgotten your confidential code, key in the universal code 0711 TWICE.



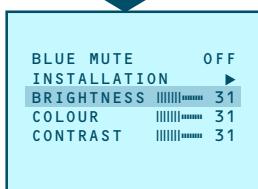
2 1

...child lock – lock channels, change code

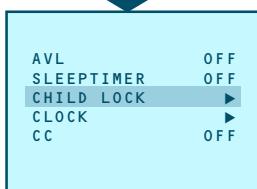
To change code

It is possible to change the pre-set universal code by the following steps.

1 Call up 1st level menu with the key.



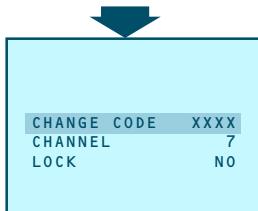
2 Press the key to highlight CHILD LOCK.



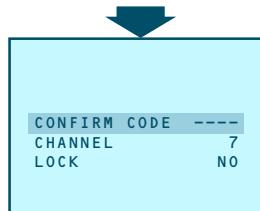
3 Key in the universal access code 0711 twice.



4 Key in the new 4-digit code once to enter.



5 Key in again to confirm change. CHANNEL is highlighted.



6 Proceed to the next section if you wish to lock channels, otherwise press to exit.

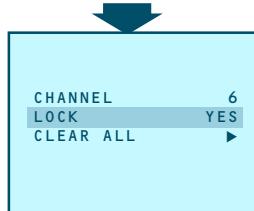


To lock channels

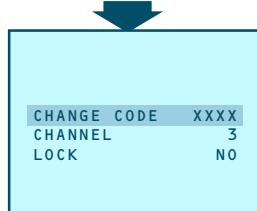
1 Press or key to select ALL (to lock all channels) or enter a channel number (to lock individual channels).

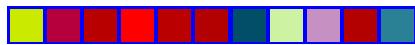


2 Press the key to highlight LOCK and the or key to select YES to lock the channel/channels selected in step 1.



3 Repeat steps 1 to 2 for other channels which you wish to lock. Exit with the key.





2 2

...child lock – unlock channels, clock

To unlock channels

1 Press the key to highlight CHANNEL and key in the channel you wish to unlock.



2 Press the key to highlight LOCK. Press the or key to select NO.



3 To unlock all channels, press the key to highlight CLEAR ALL. Press the key to confirm.

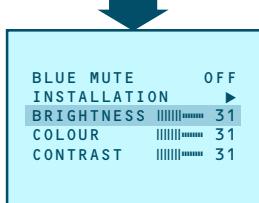


Repeat steps 1 to 3 for other channels which you wish to lock. Exit with the key.

Clock

Sets timer to switch to another channel at a specified time when the TV is switched on or on standby.

1 Call up 1st level menu with the key.

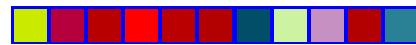


2 Press the key to highlight CLOCK.



3 Key in the present time with digit key. Start with the hour (2 digits) and then the minutes (2 digits).





2 3 ...clock, surf

4 Press the to highlight TIMER ACTIVE and select ON to activate timer.



5 Press the to highlight CHANNEL and key in the channel that you want to switch to.



6 Press the to highlight AT and key in the time when you want the channel switch to occur.



Exit with the key.

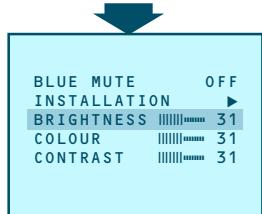
Surf

There are 2 selectable functions:

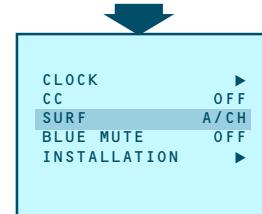
1. : Create a list of channels (maximum 8) whereby when you press the key on the remote control, you are able to quickly view through all these channels.
2. A/CH : When this is selected and if you press the key on the remote control, you are able to see the previously watched channel.

Select surf

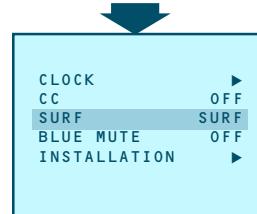
1 Call up 1st level menu with the key.



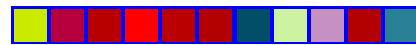
2 Press the key to highlight SURF.



3 Select SURF with the or key.



Exit with the key.



2 4

...surf – add channels, call up channels

To add channels to a surf list

Note : To execute this feature, the channel number must be visible on the screen. Should the channel number disappear, simply press the ^{OSD} key once to call it up.

① Select a channel.



5

② Press the SURF key within 4 seconds or while the channel number is still visible. "ADDED" appears below the channel number. This means the channel is added to the surf list.



5
ADDED

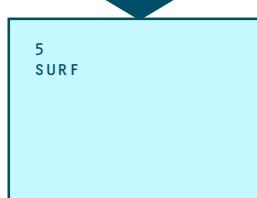
③ Repeat step ① to ② for other channels which you wish to add to the surf list.



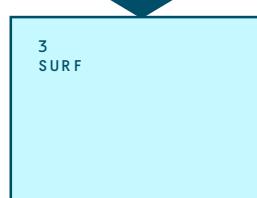
3
ADDED

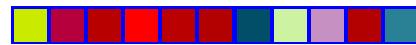
To call up channels from the surf list

① Press the ^{SURF} ^{A/CH} key once and the TV will switch to the next channel on the surf list OR Press and hold the ^{SURF} ^{A/CH} key to cycle through all the channels on the surf list.



② Stop as soon as soon as you find the channel which you wish to call up.





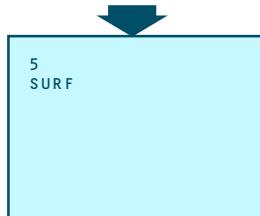
25

...surf – delete channels from a surf list

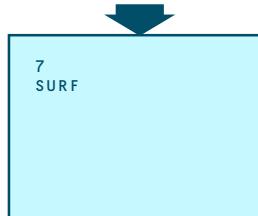
Deleting channels from a surf list

Note : To execute this feature, the channel number must be visible. Should the channel number disappear, simply press the key once to call it up.

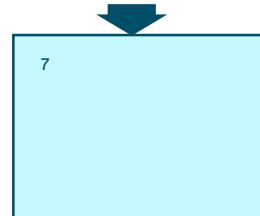
1 Press and hold the key to cycle through all the channels in the surf list.



2 Stop as soon as soon as you find the channel which you wish to delete.



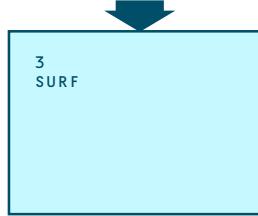
3 Press the key to call up the channel number.



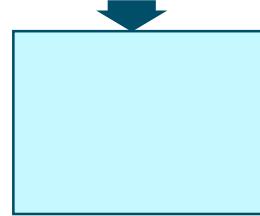
4 Press the key while the channel number is still visible. "DELETED" appears below the channel number. This means the channel is deleted from the surf list.



5 Repeat step 1 to 4 for other channels which you wish to delete from the surf list.



6 Exit with the key.



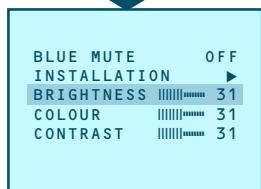


2 6 Alternate channel (A/CH)

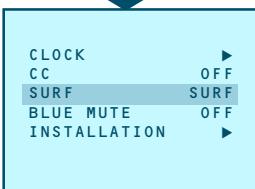
Use this feature to alternate between the current and previous channel.

Select Alternate Channel

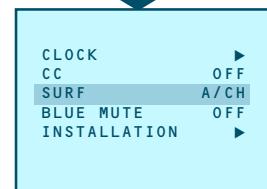
1 Call up 1st level menu with the key.



2 Press the key to highlight SURF.



3 Select A/CH with the or key.



4 Exit with the key.

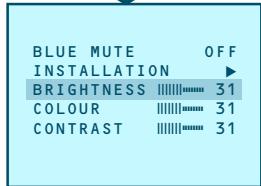


When you are viewing a channel (e.g. channel 6) and if you wish to go back to the previous channel (e.g. channel number 3), press the key once. If you wish to go back to channel number 6 again, press the key again.

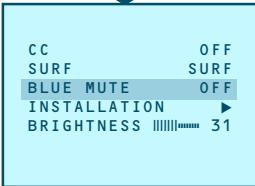
Blue Mute

The TV screen will turn blue whenever there is no signal detected.

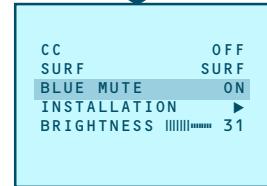
1 Call up 1st level menu with the key.



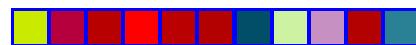
2 Press the key to highlight BLUE MUTE.



3 Select ON with the or key.



Exit with the key.



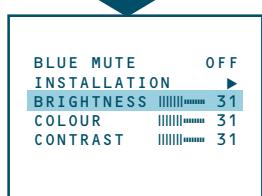
2 7 Closed caption (CC)

Closed captioning enables you to read the voice content of television programmes on the screen. Designed to help the hearing impaired, this feature uses on-screen text boxes to display subtitles for on going dialogue and conversation of a programme.

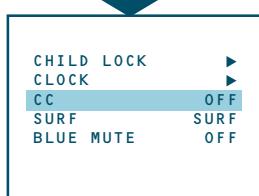
Closed caption is also available for selected laser discs and video tapes.

To use Closed caption feature

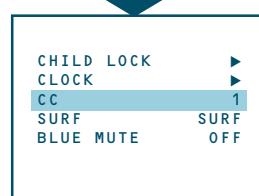
1 Call up 1st level menu with the key.



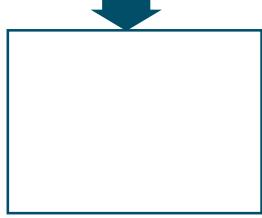
2 Press the key to highlight CC.



3 Select closed caption mode 1, 2 or MUTE with the or key.



4 Exit with the key.



Note:

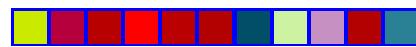
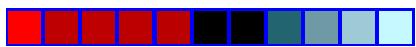
1. Not all television programmes and product commercials are made for broadcast with Closed Caption information included. Neither are all Closed Caption modes necessarily being used by a broadcast station during transmission of a closed caption programme. Check with your local listings for details.
2. Broadcast station will often use spelling abbreviations, symbols and other grammatical shortcuts in order to keep pace with the on-screen action. These vary with the source of the captioned text material and do not indicate a need for service of the television.



28 Before calling for service

Please make these simple checks before calling for service as problems pertaining to TV installation and adjustment are not covered under your warranty.

Symptoms	What you should do
Colour patch (unevenness)	<ul style="list-style-type: none">Switch off the TV with the mains power button and wait for at least 20 minutes before switching on again.Keep your TV away from any speakers or magnetic objects.
“Ghosts” or double images or Teletext garbled (for sets with Teletext only)	<ul style="list-style-type: none">Use of a highly directional antenna may improve the picture as this symptom may be due to obstruction by high rise buildings or hills.
No picture	<ul style="list-style-type: none">Check that the antenna at the back of the TV is properly connected.Possible TV station problem. Try another channel.
Good picture but no sound	<ul style="list-style-type: none">Increase the volume.Check that the TV is not muted. If it is, press the  key on the remote control to cancel mute.
Good sound but poor colour or no picture	<ul style="list-style-type: none">Adjust the contrast and brightness setting.
Snowish picture and noise	<ul style="list-style-type: none">Check the antenna connection.
Horizontal dotted lines	<ul style="list-style-type: none">Switch off any nearby electrical appliances e.g. hairdryer, vacuum cleaner etc. as these may have caused interference.
One white line across	<ul style="list-style-type: none">Switch off the TV immediately and call for after sales service.
TV not responding to remote control	<ul style="list-style-type: none">Check batteries and replace them if necessary.Check that the remote control is operating within the recommended range.
Message “ACCESS CODE -----”	<ul style="list-style-type: none">The child lock function is switched on. Key in your 4-digit access code to go into TV mode. If you do not know the access code, key in 0711 twice. If you wish to switch off the child lock, refer to the section on “Child Lock–To unlock channels”.



29 Specification

Model type	34PT4822
Picture Tube visible area	80 cm
Television system	NTSC M
Playback	NTSC M
Stereo sound transmission	BTSC stereo
Channel	PLL
Audio output	2 x 5 W
Set dimensions: Width	88 cm
Height	57 cm
Depth	69 cm
Nett weight (approx. only)	52 kg

Note : For operating voltage, frequency, power consumption and model and version number, please refer to the type sticker at the back of the set.

www.philips.com

